GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA

UNSTARRED QUESTION NO:662
ANSWERED ON:20.07.2016
Sagar Purvi
Chinnaraj Shri Gopalakrishnan

Will the Minister of EARTH SCIENCES be pleased to state:

(a) Whether the Government has recently dispatched a survey vessel "Sagar Purvi" a float ship to study about ocean temperature, currents, sea erosion on the Arabian Sea, the Gulf of Mannar in the Bay of Bengal.

(b) If so, the details thereof:

(c) Whether any useful information has been received through this float ship; and

(d) if so, the details thereof?

Answer

THE MINISTER OF STATE FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(SHRI Y. S. CHOWDARY)

(a) Yes Madam, the Government of India has deployed the Coastal Research Vessel [CRV] Sagar Purvi to study about ocean parameters along the coastal waters of India.
(b) CRV Sagar Purvi was deployed for implementing various programmes of MoES such as Monitoring of marine pollution levels and conservation and management of coastal resources including coral reef under Coastal Ocean Monitoring and Prediction System (COMAPS) Programme, Integrated Coastal and Marine Area Management (ICMAM), Swathe bathymetry survey of the Exclusive Economic Zone of India (EEZ) and etc., along the coastal waters of India.
(c) Yes Madam, the data and samples collected using CRV Sagar Purvi was useful in understanding the marine pollution levels, biological wealth and conservation of coastal resources in the coastal waters of India and for the better understanding of the seabed morphological features and its geo-morphological implications.
(d) Under COMAPS programme the water quality parameters are periodically monitored in sensitive coastal marine areas of India especially for oil spills and thus helping in development of possible prediction of sea water quality in these selected locations to assess the state of marine environment.
Bathymetry charts generated by swathe bathymetry surveys likely serve as a base map for Oceanographic Researchers, Communication purpose, Defence, Navigation sectors and etc. Systematic sediment sampling and its analysis helps to understand the sedimentation history and palaeo-climatic regime of the Indian peninsula.